MINNESOTA SCHOOL OF BUSINESS
GLOBE COLLEGE
TECHNICAL COURSE SYLLABUS

COURSE NUMBER:	**SD285**	COURSE TITLE:	PROJECT MANAGEMENT
COURSE LENGTH:	12 WEEKS	CREDIT HOURS:	4
PREREQUISITES:	FINAL QUARTER	CONTACT HOURS:	60 (LECTURE 20/40 LAB)

TEXT: INFORMATION TECHNOLOGY PROJECT MANAGEMENT (ITPM), Schwalbe, Kathy, Course Technology, 2nd Ed. 2002.

SUPPLEMENTAL
TEXT: PROJECT MANAGEMENT BODY OF KNOWLEDGE, Project Management Institute. USA: 2nd Ed.1996.
(Can be purchased through www.pmi.org)

COURSE DESCRIPTION: This course assists the student in applying the Project Management Institute's (PMI) Standards as explained in the Project Management Body of Knowledge (PMBOK) to Information Technology. The Microsoft Solutions Framework (MSF) will be discussed as it is also used within the PMBOK standard Students will choose a project that will be worked on throughout the quarter. The project will serve as a learning platform for Project Management. It will also build on previous coursework. Students are encouraged to design a project that they can use to promote their skills to potential employers upon graduation.

OBJECTIVES: Upon completion of this course the student will be able to:

1. Apply a systems approach to the planning scheduling and controlling of a software project.
2. Apply good project management skills by taking the role of a project manager.
3. Use the principles in the PMBOK to complete a project on time and with limited resources.
4. Identify the roles a project manager plays in the running of a project.
5. Demonstrate the use of project management tools and software.
6. State the position of the stakeholders in a project.
7. Show how the role of project manager fits in to the software development environment
8. Describe how the Software Development Life Cycle (SDLC) is applied in project management.
9. Learn application development based on the PMBOK standard and the Microsoft Solutions Framework (MSF) for IT Projects.

COURSE OUTLINE

Topic(s) & Class Activities	Required Reading
Week 1 **Project Management Overview**	Chapter 1 (Schwalbe) Chapters 1& 2

Project Management (PM) techniques and principles
Microsoft Solutions Framework (MSF)
    Final Project Introduction

Week 2 **Project Integration Management**	Chapter 3 (Schwalbe)& areas of PMBOK

Project plan development, execution and overall change control
    Choose Project

Topic(s) & Class Activities	Required Reading

Week 3. Project Scope Management   Chapter 4 (Schwalbe) and areas of PMBOK.

Initiation, Scope planning, definition, verification and change control.
        Project work

Week 4   Project Time Management   Chapter 5 (Schwalbe) and areas of PMBOK
Development of timelines, schedule development and control.
Activity definition, sequencing and duration.
PERT and CPA
        Project work

Week 5   Project Cost Management   Chapter 6 (Schwalbe) and areas of PMBOK
Resource planning and cost accounting
        Project work

Week 6   Project Human Resources Management   Chapter 8 (Schwalbe) and areas of PMBOK
Project personnel, organizational planning, staff acquisition,
and team development
        Project work

Week 7   Project Risk Analysis & Management   Chapter 10 (Schwalbe) and areas of PMBOK
Risk identification, quantification, and response
Project Management Software
        Project work

Week 8   Project Quality Management   Chapter 7 (Schwalbe) and areas of PMBOK
Quality planning, assurance and control.
Reliability, testing
Test setups; destructive and non-destructive
Test data & analysis
        Project work

Week 9   Project Communications Management   Chapter 9 (Schwalbe) and areas of PMBOK
Communications planning and information distribution
Performance reporting and administrative closure
        Project work

Week 10   Project Procurement Management   Chapter 11 (Schwalbe) and areas of PMBOK
Acquisition of goods and services from outside the performing organization.
Procurement and solicitation planning
Contract administration and closeout.
        Project work

Week 11 Case Study reviews   Chapters 12,13,14 (Schwalbe)
        Project work

Week 12 Final projects due

SD285
7/1/03

INSTRUCTIONAL METHODS:

Class sessions will consist of instructor lectures, demonstrations, project work, and assignments. Students will be assigned reading from required texts and handouts or web documents. Students should expect to spend 5 hours per week outside of class working on a project.

EVALUATION METHODS

Grades are an indicator of overall performance, achievement and participation. Students are responsible for completing all assignments on time to receive full credit. There will be no written tests; all evaluation will be on written and oral projects. The time for a final exam will be used for formal project presentations.

Project Outline	200
Project Update	200
Final Project	500
Participation	100

The final grade for the course is based on an accumulation of points in each of the above areas and weighted accordingly. A total of 1000 points are possible. These points are based on the following percentages:

100-90%	A
89-80%	B
79-70%	C
69-60%	D
59% and lower	N/C